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## ABSTRACT

A method of electroplating an object includes providing a electroplating bath solution with one or more anodes therein, disposing an object to be electroplated in the bath, and passing a complex current waveform between the anode nodes and the object. The waveform is a cyclic alternating type having two portions, a positive triangular shaped portion including one or more spikes and a negative portion. The method further includes vibrating the object and/or agitating the bath solution.